

**NCKIPSD Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP57371****Specification****NCKIPSD Polyclonal Antibody - Product Information**

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	<a href="#">O9NZQ3</a>
Reactivity	Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	78960

**NCKIPSD Polyclonal Antibody - Additional Information****Gene ID** 51517**Other Names**

NCK-interacting protein with SH3 domain, 54 kDa VacA-interacting protein, 54 kDa vimentin-interacting protein, VIP54, 90 kDa SH3 protein interacting with Nck, AF3p21, Dia-interacting protein 1, DIP-1, Diaphanous protein-interacting protein, SH3 adapter protein SPIN90, WASP-interacting SH3-domain protein, WISH, Wiskott-Aldrich syndrome protein-interacting protein, NCKIPSD, AF3P21, SPIN90

**Dilution**

IHC-P~N/A  
IHC-F~N/A  
IF~1:50~200  
ICC~N/A  
E~N/A

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**NCKIPSD Polyclonal Antibody - Protein Information****Name** NCKIPSD**Synonyms** AF3P21, SPIN90**Function**

Has an important role in stress fiber formation induced by active diaphanous protein homolog 1 (DRF1). Induces microspike formation, in vivo (By similarity). In vitro, stimulates N-WASP-induced ARP2/3 complex activation in the absence of CDC42 (By similarity). May play an important role in the maintenance of sarcomeres and/or in the assembly of myofibrils into sarcomeres. Implicated in

regulation of actin polymerization and cell adhesion. Plays a role in angiogenesis.

**Cellular Location**

Nucleus. Note=Colocalizes with DRF1 at membrane ruffles, and with Nck at Z-disks in mature cardiac myocytes

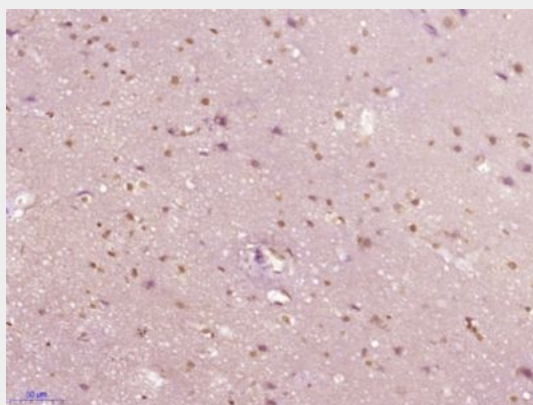
**Tissue Location**

Highest expression in heart, brain, skeletal muscle, kidney and liver. Lower levels in placenta, lung, small intestine and leukocytes. Weak expression in colon, thymus and spleen

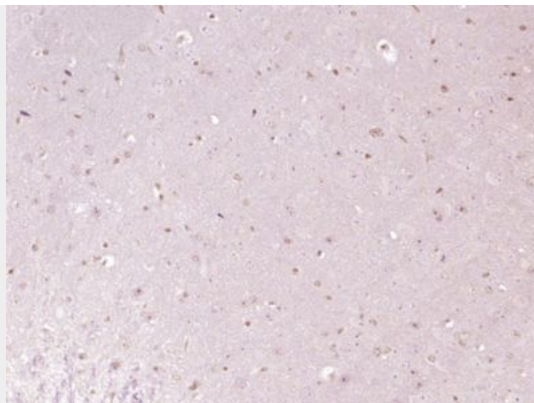
**NCKIPSD Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**NCKIPSD Polyclonal Antibody - Images**

Paraformaldehyde-fixed, paraffin embedded (Human brain glioma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (NCKIPSD) Polyclonal Antibody, Unconjugated (bs-19049R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (NCKIPSD) Polyclonal Antibody, Unconjugated (bs-19049R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.